AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An apparatus for controlling a screen brightness value of a terminal comprising:

a controller which controls the terminal to sense an illumination intensity of a photographed object around the terminal, the photographed object comprising a digital image having a plurality of pixels, the controller to determine a level of the illumination intensity from a data table based on a most frequently detected brightness value of the pixels in the digital image; and

a display unit which controls the screen brightness value of the terminal based on the level of illumination intensity determined from the data table by the controller using the most frequently detected brightness value.

2. (Previously Presented) The apparatus according to claim 1, wherein the terminal includes a camera.

3. (Original) The apparatus according to claim 2, wherein the controller controls the camera to photograph the object when a user manipulates or uses the terminal.

4. (Canceled)

5. (Currently Amended) The apparatus according to claim [[4]]1, wherein the display unit sets the screen brightness value of the terminal based on the most frequently detected brightness value of the pixels in the digital image.

6. (Original) The apparatus according to claim 1, wherein, for a predetermined time period, the controller continuously controls the terminal to sense the illumination intensity and to determine the level of illumination intensity, and the display unit continuously controls the screen brightness value of the terminal.

7. (Original) The apparatus according to claim 6, wherein, if the predetermined time period has expired and a user then manipulates or uses the terminal, the controller again starts controlling the terminal to sense the illumination intensity and to determine the level of illumination intensity, and the display unit again starts controlling the screen brightness value of the terminal.

8. (Currently Amended) The apparatus according to claim 1, further comprising:

[[a]]the data table including a first range of brightness peak values and a second range of brightness peak values different than the first range of brightness peak values, the data table further including a first illumination intensity value corresponding to the first range of

brightness peak values and a second illumination intensity value corresponding to the second range of brightness peak values.

9. (Currently Amended) The apparatus according to claim 8, wherein the controller reads the first illumination intensity value from the data table based on the most frequently detected brightness value, and the display unit controls the screen brightness value of the terminal based on the first illumination intensity value read from the data table.

10. (Original) The apparatus according to claim 1, wherein the terminal is a mobile terminal.

11. (Currently Amended) A method for controlling a screen brightness value of a terminal comprising:

controlling the terminal to sense an illumination intensity of a digital image having a plurality of pixels and to determine a level of the illumination intensity, from a data table storing information related to different illumination intensity levels, based on a most frequently detected brightness value of the pixels; and

controlling the screen brightness value of the terminal based on the determined level of the illumination intensity.

12. (Original) The method according to claim 11, wherein the terminal includes a camera, and wherein the terminal is controlled to sense the illumination intensity by controlling the camera to photograph an object around the terminal.

13. (Original) The method according to claim 12, wherein the camera is controlled to photograph the object when a user manipulates or uses the terminal.

14. (Previously Presented) The method according to claim 12, wherein the photograph comprises the digital image.

15. (Previously Presented) The method according to claim 14, further comprising:

setting the screen brightness value of the terminal based on the most frequently detected brightness value of the pixels in the digital image.

16. (Original) The method according to claim 12, wherein, for a predetermined time period, the terminal is continuously controlled to sense the illumination intensity and to determine the level of illumination intensity, and the screen brightness value of the terminal is continuously controlled.

17. (Original) The method according to claim 16, wherein, if the predetermined time period has expired and a user then manipulates or uses the terminal, the terminal is again

controlled to sense the illumination intensity and to determine the level of illumination intensity, and the screen brightness value of the terminal is again controlled.

18. (Currently Amended) The method according to claim 11, further comprising:

storing [[a]]the data table including first and second ranges of brightness peak values, each range having a corresponding illumination intensity value.

19. (Currently Amended) The method according to claim 18, ~~further comprising~~wherein determining the level of the illumination intensity includes:

reading the illumination intensity value from the data table based on the most frequently detected brightness value of the pixels,

wherein the screen brightness value of the terminal is controlled based on the illumination intensity value read from the data table.

20. (Original) The method according to claim 11, wherein the terminal is a mobile terminal.

21. (Currently Amended) A computer program product for controlling a screen brightness value of a terminal comprising:

a first computer code which controls the terminal to sense an illumination intensity of a photographed object around the terminal, the photographed object comprising a digital image having a plurality of pixels, the first computer code to determine a level of the illumination intensity from a data table based on a most frequently detected brightness value of the pixels in the digital image; and

a second computer code which controls the screen brightness value of the terminal based on the level of illumination intensity determined from the data table by the first computer code using the most frequently detected brightness value.

22. (Previously Presented) The computer program product according to claim 21, wherein the terminal includes a camera.

23. (Original) The computer program product according to claim 22, wherein the first computer code controls the camera to photograph the object when a user manipulates or uses the terminal.

24. (Canceled)

25. (Currently Amended) The computer program product according to claim [[24]]21, wherein the second computer code sets the screen brightness value of the terminal based on the most frequently detected brightness value of the pixels in the digital image.

26. (Original) The computer program product according to claim 21, wherein, for a predetermined time period, the first computer code continuously controls the terminal to sense the illumination intensity and to determine the level of illumination intensity, and the second computer code continuously controls the screen brightness value of the terminal.

27. (Original) The computer program product according to claim 26, wherein, if the predetermined time period has expired and a user then manipulates or uses the terminal, the first computer code again starts controlling the mobile terminal to sense the illumination intensity and to determine the level of illumination intensity, and the second computer code again starts controlling the screen brightness value of the terminal.

28. (Currently Amended) The computer program product according to claim 21, wherein the terminal includes :

[[a]]the data table including a first range of brightness peak values and a second range of brightness peak values different than the first range of brightness peak values, the data table further including a first illumination intensity value corresponding to the first range of

brightness peak values and a second illumination intensity value corresponding to the second range of brightness peak values.

29. (Currently Amended) The computer program product according to claim 28, wherein the first computer code reads the illumination intensity value from the data table based on the most frequently detected brightness value of the pixels, and the second computer code controls the screen brightness value of the terminal based on the illumination intensity value read from the data table.

30. (Original) The computer program product according to claim 21, wherein the terminal is a mobile terminal.